

## Hands-On Task Assessment Vertical Milling Machine

### Instructions

After you have entered the machine shop, proceed to the vertical milling machine and perform the task as stated and diagramed below.

All material, tooling, and measuring instruments can be located on the table adjacent to the Vertical Milling Machine.

After you have read the instructions and understand the task, inform the proctor that you are ready to begin.

If you have any questions please feel free to ask the assessment proctor before beginning the assessment.

**You will be given 45 minutes to complete the 2 tasks below. Your time begins upon entering the shop.**

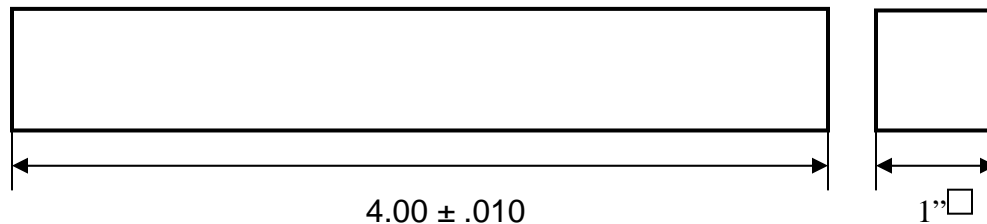
### Hands-On Task Assessment

Step	Task
1	Prepare the mill to make a slab cut on one long surface of the 1"x4" square stock. (Use material and tooling provided) {Set machine to correct RPM}
2	Perform the slab cut on one surface of the 1" x 4" square stock. Achieve the best possible finish.
3	1. Perform a clean-up cut on one end of the 1" x 4" square stock. 2. Cut the other end of the part to a measured length of $4.00 \pm .010$
4	Machine two sides of the $\frac{1}{4}$ " flat stock to a measured $4.00 \pm .010$ length
5	Give the finished assessment part to the proctor.

**Note:** Leave machine as it was found.

### Print

#### Task 1



#### Task 2

